

Title (en)
ANTISENSE OLIGONUCLEOTIDE MODULATING CYCLIN E GENE EXPRESSION AND THERAPEUTIC USES THEREOF

Title (de)
ANTISENSE OLIGONUKLEOTIDE DIE CYCLIN E GENEXPRESSION MODULIEREN UND DEREN THERAPEUTISCHE VERWENDUNGEN

Title (fr)
OLIGONUCLEOTIDES ANTI-SENS MODULANT L'EXPRESSION DU GENE DE LA CYCLINE ET LEURS UTILISATIONS THERAPEUTIQUES

Publication
EP 1190047 A1 20020327 (EN)

Application
EP 00901001 A 20000119

Priority

- CA 0000049 W 20000119
- US 14044699 P 19990623

Abstract (en)
[origin: WO0100821A1] The present invention relates to antisense oligonucleotides directed to the human cyclin E gene for inhibiting its expression, and to a method for inhibiting cellular proliferation. The antisense oligonucleotides of the present invention have been designed from the 5' and 3'-untranslated region of the cyclin E gene for inhibiting the expression of the cyclin E gene. These antisense oligonucleotides can be used for research purposes, diagnostics and treatment of disease. Methods for specifically modulating cyclin E expression in cells and tissues using the antisense oligonucleotides are disclosed. Methods for diagnosis, detection and treatment of pathologies involving cyclin E gene are disclosed.

IPC 1-7
C12N 15/11; **C07K 14/47**; **A61P 35/00**

IPC 8 full level
C12N 15/09 (2006.01); **A61K 31/7088** (2006.01); **A61K 48/00** (2006.01); **A61P 9/10** (2006.01); **A61P 17/06** (2006.01); **A61P 35/00** (2006.01); **C12N 15/113** (2010.01); **A61K 38/00** (2006.01)

CPC (source: EP US)
A61P 9/10 (2017.12 - EP); **A61P 17/06** (2017.12 - EP); **A61P 35/00** (2017.12 - EP); **C12N 15/113** (2013.01 - EP US); **A61K 38/00** (2013.01 - EP US); **C12N 2310/315** (2013.01 - EP US)

Citation (search report)
See references of WO 0100821A1

Designated contracting state (EPC)
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)
WO 0100821 A1 20010104; AU 2088100 A 20010131; CA 2377273 A1 20010104; EP 1190047 A1 20020327; JP 2003503052 A 20030128; US 6339071 B1 20020115

DOCDB simple family (application)
CA 0000049 W 20000119; AU 2088100 A 20000119; CA 2377273 A 20000119; EP 00901001 A 20000119; JP 2001506814 A 20000119; US 48807400 A 20000120